

TROPOSPHERE ISSUES

- Updates from GEOS-CHEM: (Logan, Yantosca, somebody at Goddard)
 - Incorporation of new emission inventories
 - Anthropogenic and GFED2 for biomass burning
- Other updates, fixes (goddard)
 - Updated lightning in Combo, needs to be run
 - Fix soil NOx emissions in 2x2.5 combo ASAP
 - Update rates to JPL-06
- Check consistency between GEOS-CHEM and GMI.
 - Compare runs for same year
- Why are FVGCM and DAS so different for CO (Logan, Bryan...)
 - Needs analysis
- Time frame for incorporating new fields? ECMWF from Prather for 2000 on.
 - Do regridding at GSFC
 - Check that regridded fields are OK with Prather
 - Also, run 2006 DAS, save 1x1.25?
- Long-range transport
 - Use tropospheric versions (Goddard)
 - Rokjin will analyze run
- Focus group on cloud, surface issues (Prather, GEOS-CHEM, Aerosol)
 - Diagnostic

papers

- **Papers:**
- **Dale and Ken – lightning in three trop 4x5 runs, DAO, GISS, FVGCM (ELECTRONIC SUPPLEMENT WITH MODEL PERFORMANCE)**
- **Bryan – CO, transport to UT/LS**
- **Jennifer – trop. ozone in 2x2.5 COMBO DAS, in-situ and TES comparisons**
- **Trop. with different met fields, CO/ozone etc, Middle East differences, CO differences – needs lots of analysis**
 - **FVGCM 4x5, 2x2.5 combo, DAS 4x5 trop., DAS 2x2.5 combo,**
- **NEED STANDARD SET OF ANALYSIS PLOTS WITH RUNS (MET. FIELDS, ETC) (INPUT FROM TEAM!!!!)**